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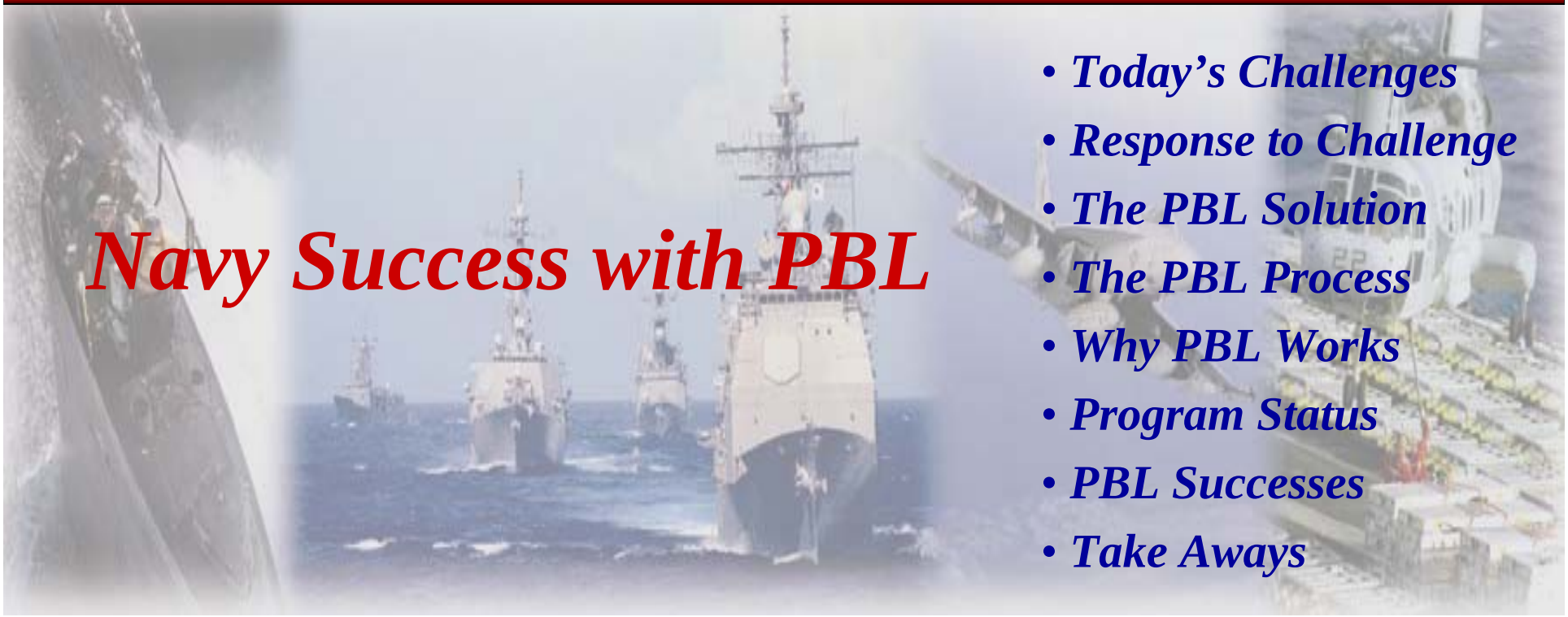
NAVICP's PBL Perspective



Navy Success with PBL

- *Today's Challenges*
- *Response to Challenge*
- *The PBL Solution*
- *The PBL Process*
- *Why PBL Works*
- *Program Status*
- *PBL Successes*
- *Take Aways*

Ready. Resourceful. Responsive!

Presented at:
DAU / PMI Conference
Transforming DoD Logistics
15 September 2005

Larry Garvey
Director, Supply Chain Solutions Division

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Today's Challenges

Support Challenges

- *Aging Weapon Profile*
  - *Average A/C age: 20 yrs*
- *Decreasing Reliability*
- *Increasing Obsolescence*
- *Volatile, Shrinking Vendor Base*
- *Untested "Surge" Capability*

New strategies for today's environment required…

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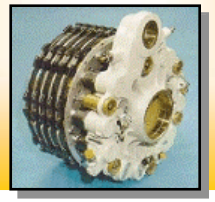
Response To Challenge

A Different Acquisition Strategy

Pre - 1996 / 1997 - 1999 / 2000 and Beyond

Traditional Inventory Mgmt

Buying Parts to Address Failures



Managing Supplies

Supply Chain Management

Attacking Logistic Failures

- ✓Improve Reliability
- ✓Resolve Obsolescence
- ✓Integrate Support Solutions

Managing Relationships and Outcomes

- ✓Customer Focused Goals
- ✓Gov't/Industry Partnerships

Turning to Commercial/Government Best Practices

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The PBL Solution

Alternative logistics support solutions that transfer traditional DoD inventory management, technical support, and supply chain functions to the provider for a guaranteed level of performance at the same or reduced cost.

PBL Supplier Roles

- *Warehousing*
- *Transportation*
- *Obsolescence management*
- *Requirements determination/forecasting*
- *Repair/overhaul/ replace decision*
- *Configuration management*
- *Engineering/tech services*
- *Consumable piece parts*
- *Technology/reliability insertion*

Cultivate ***Long Term*** **Partnerships With Industry**

Purpose

Lower Response Time
Lighten Logistics Footprint
Increase Availability

Leverage Commercial Supply Chain Solutions

A Reengineering Tool to Improve Readiness through Reliability

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The PBL Solution

Development Process…14 Month Goal

Candidate Selection → **Business Case Analysis / Proposal Process** → **Negotiate/ Award/ Track**

Input From:

- Program Office
- Fleet
- Industry
- ICP "Opportunity Index"

Focus On:

- New Systems
- Commercial for Life
- Low Reliability
- Poor Availability
- Obsolescence Challenges
- High Cost/High Demand

Responsibilities:

Government Side of BCA:

- Must accurately capture & forecast costs of traditional government processes

Contractor Side of BCA:

- Proposal in response to SOW
- Incorporate commercial best practices and industry expertise… costing based on the re-engineered process

IPT:

- Compares w/ & w/o PBL

Focus On:

- Best Value Support
- Transition Plan
- Performance Tracking
- Program Reviews

Includes Title 10 analysis prior to award

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The PBL Solution

PBLs: One Size Does NOT fit All …Each is Unique!

- **Contract Type:**
  - *Fixed, Cost +*
- **Length:**
  - *5–10+ Years; Base & Option(s)*
- **Metrics:**
  - *Availability, Reliability*
- **Incentive:**
  - *Profitability tied to performance*
  - *Award fees*
- **Risk Sharing:**
  - *Ramp-up Periods*
  - *Exit Provisions*
  - *Gain Sharing*
- **Obsolescence Management**
  - *Product life cycle mgmt*
  - *Proactive approach*

Create "Win-Win" Strategy

Focus on Affordability

Incorporate Surge Capability

Mitigate Risk

Make Transparent to Fleet

Ensure Exit Strategy

Procuring Supply Chain Performance … NOT just parts

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The PBL Solution

PBLs: One Size Does NOT fit All …Each is Unique!

- **Surge:**
  - *Plus/minus to flying hour profile*
- **Long Term Partnerships:**
  - *Promote Supplier Investment*
  - *Technology Infusion*
  - *Enable Supplier ROI*
- **Best Business Practices:**
  - *Six Sigma*
  - *Lean Logistics*
- **Focused on Performance**
  - *Right behavior incentivized*
  - *Better performance, more award*
- **Tracking**
  - *Joint Review Boards*
- **DLA Involvement**
  - *Markets self as Best value provider*
  - *Consideration of unique parts*

Other Key Considerations and Enablers

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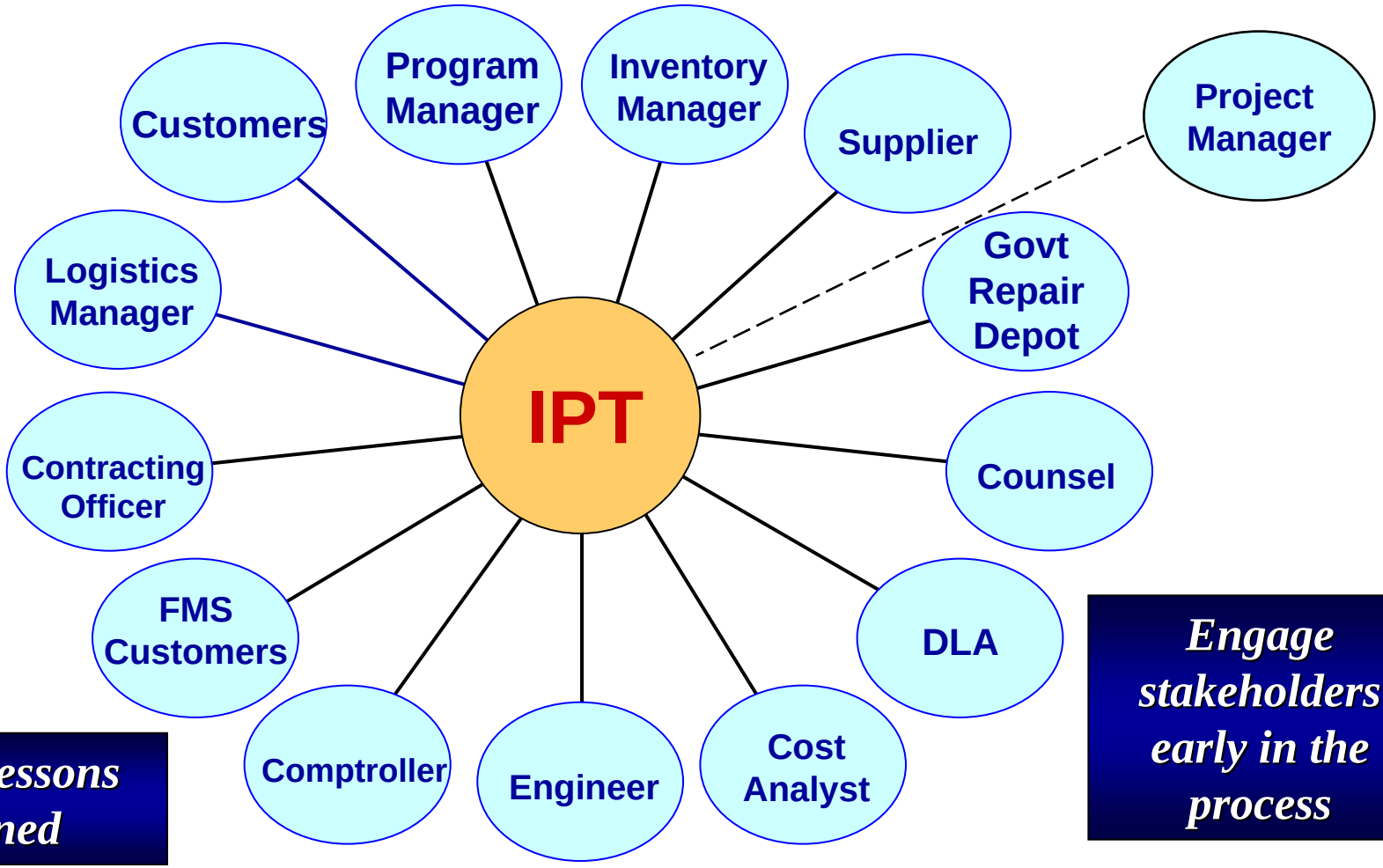
The PBL Process
The IPT

Integrated Product Team



Share Lessons Learned

Engage stakeholders early in the process

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The PBL Process
Critical Milestones (sample)

Goal is 14 months to Award!

TASK	Completed Y/N	Date Completed/Estimated Completion Date
CORE Determination	Y	8/17/2004
Kickoff Event	N	5/16/2005
Initial SOW Development Event	N	7/6/2005
Data Agreement Event	N	7/6/2005
Initial BCA Complete	N	8/5/2005
Traditional Expenditure Analysis	N	9/4/2005
J&A Approved	N	10/14/2005
Acquisition Plan Approved	N	11/8/2005
Final SOW Development Event	N	12/3/2005
Solicitation/RFP Release	N	12/18/2005
Pricing Agreement Event	N	2/16/2006
Alpha Negotiations Complete	N	4/17/2006
Final BCA/Cash Flow Analysis	N	5/17/2006
CRB Approval	N	6/1/2006
PBL Board Approval	N	6/16/2006
Congressional Notification Complete	N	6/16/2006
Depot Stand Up Plan Approved by ASN	(If applicable)N	7/1/2006
Contract Award	N	7/16/2006

The PBL Process
Business Case Analysis

Background

- **BCA is the primary tool for gauging traditional support vs. PBL proposal:**
  - *Comparison of government's existing costs to contractor's proposed costs to manage / support the system under PBL … improve support at breakeven or better*
  - *Determines affordability of concept and financial viability of PBL support ... all assumptions must be justified and supportable*

How it Works

- **Government:**
  - *Specifies desired results and outcome … not "how-to"*
  - *Must accurately capture & forecast costs of traditional government processes*
- **Contractor:**
  - *Proposal in response to Statement of Work*
  - *Can incorporate commercial best practices and industry expertise … costing based on the reengineered process*

The PBL Process
Business Case Analysis

Assumptions

- **Criteria for PBL award is "breakeven or better" comparison between traditional costs and the contractor "fair and reasonable" proposal**

- **BCA can focus on the Navy Working Capital Fund (NWCF) environment or it can incorporate any "color of money"**
  - ***Any committed funding stream can be addressed in the BCA***
  - ***Commitments to directly fund the PBL contract with traditional budgets are essential if these costs/savings are to be incorporated into the template… for example, costs for training or tech pub ILS elements are only counted in the template and included in the scope of effort if existing training or tech pub budgets are committed to the PBL***

- **Cost avoidances and intangible benefits are not included in the BCA "break-even or better" comparison**
  - ***Can be used to help "sell" the PBL initiative if below "break-even"… but only actual funding commitments or cuts to traditional budgets are part of the affordability analysis***

Independent contracting officer analysis and determination of fair and reasonable price is a separate criteria for award

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The PBL Process
Business Case Analysis

- *The NAVSUP BCA supports:*
  - *Award of a specific performance contract covering*
    - *A specified universe of items/components/systems*
    - *A specified scope of effort*
    - *A particular period of performance*
- *The BCA reflects the SOW/RFP requirement*
- *Any ILS element can be included in scope… resource commitment essential*

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The PBL Process
Partnerships

Why Partner?

- OSD Policy
- Satisfies Title 10 USC
- Effective Use of Depot Expertise
- Stable Depot Workload
- Material Support
- Sharing of Best Business Practices
- Technology Insertion

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The PBL Process
Partnerships

Why Partner?

- *Reliability Improvements Encouraged*
- *Reduces TAT, and Inventory Requirements*
- *Defined Workshare*
- *"Partners", Not "Competitors"*
- *Sharing vs. Maintaining Competitive Edge*
- *Improved Readiness at Reduced Costs*

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The PBL Process
Foreign Military Considerations

- *Requisition Processing*
  - *CLSSA requirements covered under PBL… traditional support commitment maintained… same delivery/availability metric as USN*
  - *DRP/Initial requirements filled as stock position permits*
- *Notification of Configuration Changes*
- *Potential CLIN for Repair of Repairables*

IPT must ensure that all elements of traditional FMS support will continue in PBL environment … PBL features, such as obsolescence management and reliability improvements, should improve FMS ROR support

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The PBL Process
Summary

Key considerations:

- *Mutual understanding of scope*
- *Universe of items to be covered … understanding of current support posture and implications to desired performance requirements*
- *Affordability … available funding … a direct impact on scope*
- *Stakeholder concerns … Fleet / DLA / FMS / organic depots / Small Business / Interservice customers*
- *Incorporation of customer-driven improvements*
- *Core determination*
- *Cash flow*
- *Commitment by IPT to effort and events essential for success*

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Why PBL Works

- *Navy buys comprehensive performance package… not individual parts*
- *This approach totally reverses vendor incentive*
  - *Fixed price "pay for performance" contract now motivates vendor to reduce failures / consumption*
  - *Long term commitment enables vendor to balance risk vs. investment*

- ***Improves Parts Support*** *… Material availability increases + Logistics Response Time (LRT) decreases resulting in Improved Readiness*
- ***Optimizes Depot Efficiency*** *… Repair Turn Around Time (RTAT), Awaiting Parts (AWP), & Work in Process (WIP) decrease*
- ***Invests in Reliability*** *… Mean Time Between Failures (MTBF) improves*
- ***Shortstops Failures*** *… reduces off-station demand*

Procuring the Performance "End-State" … NOT the "How To"

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Why PBL Works

- *Contractor has total control of specific system support processes… dedicated team/tools to measure, monitor, and manage on full time basis*
- *Contractor gets improved parts support … up-front parts investment, long-term supplier arrangements, production line sharing, proactive ID of sources of supply*
- *Contractor develops depot level repair efficiencies … lean processes/layout, pre-induction screening, repair/replace/overhaul, level load induction schedules*
- *Contractor makes reliability investments … component life matching (build windows), configuration consolidation, tech insertion thru Class II ECP authorization*
- *Contractor develops diagnostic process upgrades … field reps inserted in O/I level, failure trend analysis*
- *Contractor enabled via long-term contracts … guaranteed funding stream, gives Contractor ability to make ROI decisions*

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Why PBL Works

How can Contractor achieve success and profitability?

- *Contractor balances risk vs. investment*
  - *Willing to take short term loss to gain new business*
  - *Confident of making profit in out years*
- *Contractor profit negotiated as part of proposal*
  - *Proposed efficiencies already included to make effort affordable*
- *Contractor re-engineers process to reduce costs*
  - *Eliminates waste and reduces variability*
  - *Infuses improvements into support processes via long-term investments*

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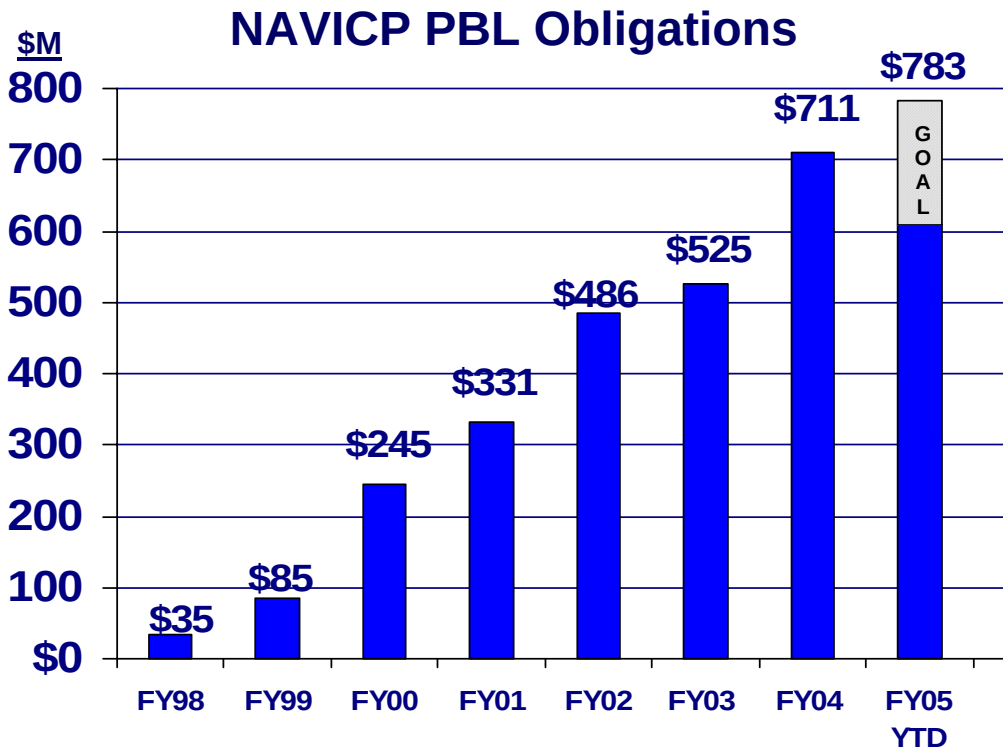
PBL Program Status



- ***Business Scope:***
  - *164 contracts*
  - *42,000 line items*
  - *24% of total demand*

Bottomline: PBLs Are Proven Performers ... Yet Must Remain a "Work in Progress" to Compliment Today's Business Environment

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PBL Successes

Tires

Pre-PBL:

- *Material availability: 81%*
- *Wholesale Inventory: 50,000 Tires*

PBL:

- *$261M contract for 15 years… covers 23 types, 17 platforms… awarded Feb '01*
- *Guaranteed 95% On-Time Delivery*
  - *Actual On-Time Delivery: 98%*
  - *Planeside Deliveries to Baghdad in Four Days*
- *120,000 Tires delivered to date*
- *100% availability… no backorders since PBL award*
- *Wholesale Inventory… under 5,000 Tires*
- *Disposal of old Tires … 54,660 handled to date*

The Sustained Superior Performance of the PBL has Allowed Navy to Reduce Plane Side Inventories by 66%

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PBL Successes

APU

Pre-PBL:

- *Material availability: 65%*
- *Backorders: 125*
- *Units awaiting parts: 232*
- *Multiple unincorporated ECPs*

NAVICP Honeywell

A corporate contract with Honeywell: Other components added… P-3 EDC, F404 MFCs, other APUs… more adds in process

PBL:

- *$202M contract with 5-year base and five 1-year options… covers F/A-18, C-2, S-3, P-3, KC-130 APUs… awarded Jun '00*
- *Partnership: NADEP Cherry Point responsible for touch labor; Honeywell for program management; CAT Logistics for supply chain management*
- *Guaranteed 90% availability … 97% attained in FY04*
- *Backorders eliminated… 0 units awaiting parts*
- *Response time reduced from 35 days to 5 days*
- *Repair Turn-around-time (RTAT) reduced from 162 days to 38 days*
- *18 reliability improvements incorporated; over 60 other change requests implemented*

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PBL Successes

Pre-PBL:

F404 Engine

- *Material availability: 43%*
- *Backorders: 718 total… including 436 IPG 1*
- *Work In Process (WIP): 1264 Units*
- *Repair Turn-around-time (RTAT): 116 days*


GE Aircraft Engines

PBL:

- *$510M contract with 5-year base and five 1-year options… covers 27 repairable components… awarded Jul '03*
- *Partnership with NADEP Jacksonville … best practices/technology insertion*
- *Guaranteed 85% availability … 99% attained*
- *Obsolescence management*
- *Backorders eliminated… 0 IPG 1, 0 total*
- *WIP reduced by 75%*
- *RTAT reduced by 25%*

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PBL Successes

Aviation Successes

F/A-18E/F FIRST

- $750M over 5 years
- Awarded May 2001
- Over 100 systems
- 131 suppliers: 15K parts
- Inventory management / warehousing / MIS / engineering
- Reliability improvements
- Teaming with 3 NADEPs
- 85% availability vs 67% for F/A-18 C/D

F/A-18 F-14 Displays

- Awarded September 2003
- $360M contract with 5-year base and two 5-year options
- Partnership with NADEPs Jacksonville and North Island
- 272 NSNs covered
- Guaranteed availability
- Obsolescence management
- Inventory management … requirements determination
- Engineering support
- Configuration management

H-60 Tip to Tail:

- $417M with 5-year base period
- Awarded December 2003
- Partnership with 5 depots
- Covers 540 NSNs
- Guaranteed availability 85%
- Obsolescence management
- Inventory management
- Requirements determination

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PBL Successes

Maritime Successes

AEGIS Spy 1 Radar

LOCKHEED MARTIN

- $33.5M over 4-year base with one 4-year option
- Awarded March 2002
- 1600 line items; transitioned from Mini Stock Point to Full PBL
- Minimum fill rate 87%
- Requirements determination
- Class II Config Auth
- CONUS transportation

NATO Sea Sparrow/ TAS/MK-23

Raytheon

- $30M with 5-year base, no options
- Awarded October 2003
- Guaranteed availability
- Reliability growth
- Configuration management
- Requisition support, repairs & builds
- Class II ECP's
- Inventory management ... rqmts determination

WSN-7/BPS-15/16 Navigation Systems

NORTHROP GRUMMAN

- $65M with 5-year base with one 3-year option
- Awarded September 2004
- Partnership with NSWC Crane
- Guaranteed 85-87% availability…incentives beyond 87%
- Routine response time 18 days; CASREP 24 hours
- Corporate PBL with potential growth

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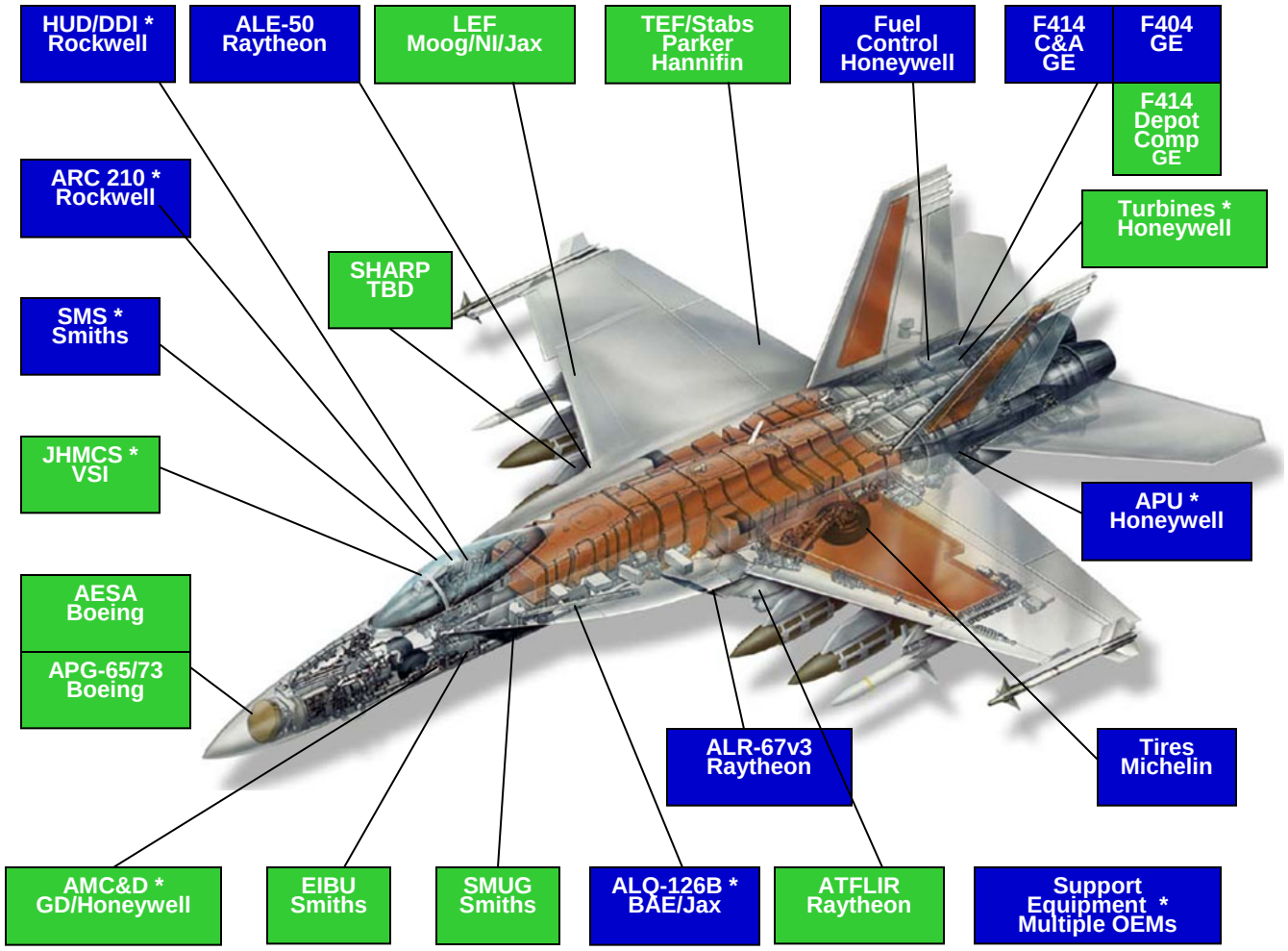
PBL Successes
The F/A-18 Model



- Awarded PBLs
- Pending PBLs
- * Supports Multiple A/C

FIRST Boeing: <u>73% of E/F</u>

- 3889 E/F WRAs
- 653 of FIRST Repairables accomplished at I-Level
- 349 Support Equip. Items
- 170 DLA Consumables
- 10,100 Non-DLA Consumables

FIRST FY06 and Beyond:

- F/A-18 A through F
- EA-18G
- APG-65/73
- AESA
- FMS
- DLA Consumables
- Retrofits
- Modifications

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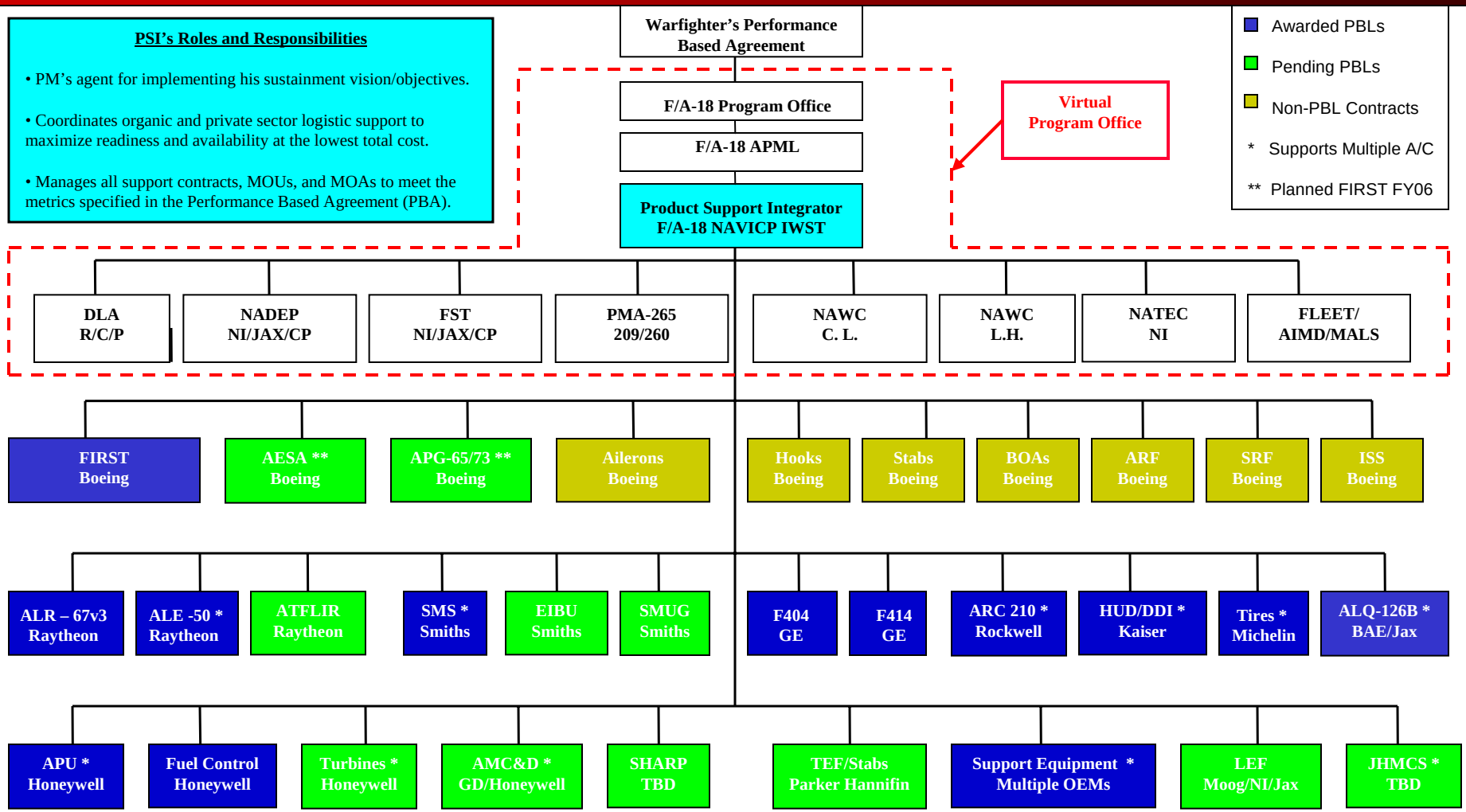
PBL Successes
The F/A-18 Model

PSI's Roles and Responsibilities

- PM's agent for implementing his sustainment vision/objectives.
- Coordinates organic and private sector logistic support to maximize readiness and availability at the lowest total cost.
- Manages all support contracts, MOUs, and MOAs to meet the metrics specified in the Performance Based Agreement (PBA).



The F/A-18 Integrated Virtual Program Office

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Take Aways

PBLs ... Assessing the Program

Original Tenets

- *Primary focus: Supply Support*
- *Primary funding sponsor: NWCF-SM*
- *Primary metric: Improve inventory performance*
- *Primary business rules: Mirror traditional support*
- *Primary Scope: Naval customers*

Current Events

- *Expand to other ILS elements ... F/A-18 FIRST leads the way*
- *Include other lines of accounting or adopt limited / single line (s) of accounting*

- *Recognize NAE / NAVRIIP / FRC emphasis on cost wise readiness*
- *Review pricing and other business methodologies*
- *Engage other services / foreign allies on Joint PBL efforts*

The Way Ahead ... Take PBLs to the Next Level of Support

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Take Aways

PBLs ...

- **Proven approach to cost wise readiness**
  - *Vendor investments enhance legacy support*
  - *Vendor assumes performance responsibility for new systems*
- **The solution to today's tough challenges**
  - *Vendor manages obsolescence*
  - *Vendor inserts technology*
  - *Vendor improves reliability*
- **The "enabler" for future savings**
  - *Vendor performance opens the door to inventory / supply chain efficiencies*
  - *Vendor engagement as early as possible in the life cycle maximizes outyear potential*

Back Up

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Today's Challenges

"A Delicate Balance"

Legacy Support

- ***Aging Weapons Systems***
  - *Consumption* – Up
  - *Reliability* – Down
  - Complex Configuration Issues
- ***Declining Parts Inventories***
  - *Obsolescence – Up*
  - *Funding – Down*
- ***Vendor Base***
  - *Shrinking and Volatile*
  - *Mergers and Relocations*

Future Readiness

- ***Attain Recapitalization Objectives***
  - *Reduce workload*
  - *Focus on savings*
- ***Transformation***
  - *Realign infrastructure*
  - *Implement cost-wise readiness*
- ***Movement to TLS***
  - *Increase Performance Based Support*
  - *Expand to other ILS elements*

New strategies for today's environment required…

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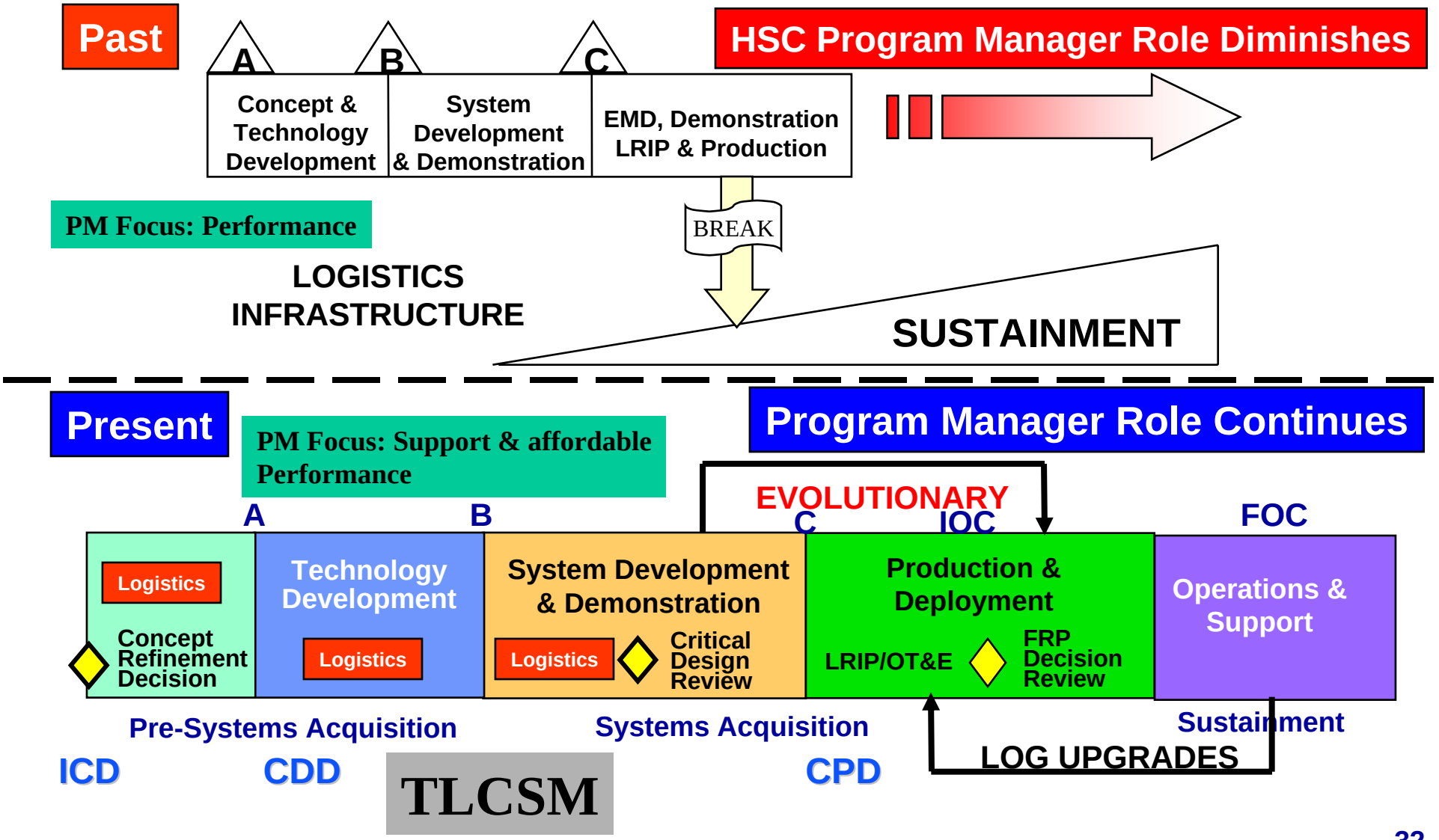
Today's Challenges:
TLCSM
Acquisition/Sustainment Model



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The PBL Process
Steps to Award

- The IPT
- Key Issues
- Key Events
- Critical Milestones
- Scope of effort
- Data Analysis
- Contracting / Pricing
- Business Case Analysis
- Process Summary

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The PBL Process
IPT – Roles and Responsibilities

- *Project Manager – provides focused management support*
  - *Schedules and facilitates "events"*
  - *Develops and monitors milestone plan*
  - *Keeps metrics for PBL development*
  - *Incorporates lessons learned into the process*
- *IWST Head/Program Manager/HSC rep/Logistics Manager – provide scope*
  - *Drives the requirement/metrics*
  - *Obtains and validates data/program profiles*
- *Contracting Specialist – negotiates contract*
  - *Primary government participant in alpha process*
- *Pricefighter – inputs data to BCA*
  - *Provides input and analysis of data*

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The PBL Process
IPT – Roles and Responsibilities

- *Office of Counsel representative - provides guidance and experience*
  - *Reviews requirements/language*
- *Budget Analyst - provides BCA and cash flow assistance*
  - *Provides financial experience and support*
  - *QAs team assumptions*
- *Fleet representative - ensures war fighter requirement is addressed*
- *DLA representative - monitors DLA concerns*
- *Other IPT members – provide expertise as required*

Entire process is a team effort … joint and expeditious resolution of issues at all milestones is essential to keep initiative on track to award … flexibility, innovation, and willingness to negotiate are key

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The PBL Process
Key Issues

- *Scope of Effort / Objectives*
  - *Universe of systems/components/NSNs*
  - *Intended ILS coverage*
- *Financial Issues*
  - *Funding Streams … ties to scope of effort (ILS)*
  - *Cash Flow*
- *Metrics*
- *Core / Partnership Issues*
- *Transparency to Customer*
- *Configuration Control*
- *FMS / DLA / Interservice*

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PBL Process
Key Events

- *Kick-Off Event*
- *Statement of Work Event*
- *Data Agreement Event*
- *Pricing Agreement Event*

Lean/Six Sigma Goals

- *Reduce PBL Processing Cycle Time*
- *Reduce PBL Processing Touch Time*
- *Eliminate Variation*
- *Create a Repeatable Environment through Standardization*

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PBL Process
Kick Off Event

- *Prepare the IPT to successfully pursue PBL*
- *Understand required commitment*
- *Conduct PBL training/overview*
- *Define roles and responsibilities of IPT members*
- *Draft POA&M*
- *Develop Acquisition Strategy*

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PBL Process
Statement of Work Event

- *Significantly Reduce the Number of IPT Meetings & Touch Time Outside of IPT*
- *Phased Approach 1-2 weeks*
  - *Phase 1: Establish Government Requirement*
  - *Phase 2: IPT Agreement on unique requirements*
  - *Phase 3: IPT Agreement on Final SOW*

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PBL Process
Statement of Work Event

Agreement on Scope of Effort Essential

- Define scope
- Develop clear understanding of expectations/requirement
- Identify resources required for effort … does scope align with available funding?
- Obtain commitment from resource sponsors… early and constant focus on affordability
- Key Steps:
  - Identify PBL universe … what components or systems will be covered?
  - All stakeholders must be included… ensure fleet buy-in
  - Develop draft Statement of Objectives / Statement of Work… attainable, realistic, and measurable metrics

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PBL Process
Data Agreement Event

- *Gather relevant support data*
- *Provide baseline / historical data to industry*
- *Develop initial BCA… begin cash flow analysis*

It is essential that Government and Industry discuss and understand program support data and baselines … consensus starting points in demand, reliability, flight hours, future program profiles, etc. are vital to valid comparisons in the BCA

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The PBL Process
Pricing Agreement Event

- ***Establish the framework for Alpha negotiations***
- ***Define the various cost elements that will make up the proposal and develop a POA&M for completion***
- ***Define the proposal format and detail required in support of each cost element***
- ***Define additional supporting documents and data, if applicable***

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The PBL Process
Other Steps

- *Develop Request for Proposal (RFP)*
- *Initiate Justification & Authorization (J&A) if required*
- *Initiate Congressional Notification process*
- *Finalize SOW / metrics / contract*
- *Finalize contract pricing*
- *CRB Business Clearance / Approval*
- *Complete BCA / cash flow analysis … obtain final PBL Board approval*

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Aviation PBLs

Aviation Awarded PBLs

	Contractor	PBL	Date	Type	Depot	Status	Contract
1	Boeing	F-18 ARF	Dec-95	M			N0038302G001H0015
2	Litton	Common RINU	Sep-96	F			N00383-96-D-035G
3	Lear	H-46 AHRS	Sep-97	F-LECP		Exp	N00383-97-D-020G
4	NWS Crane	P-3 SSIP	Oct-97	O			MOA
5	Testek	SE AGTS	Apr-98	F			N68335-98-C-0216
6	GE Strother	Engines T-700	Sep-98	M		Exp	N000383-98-D-022F
7	GEC Marcon	Common SCADC	Sep-98	F			N00383-98D-014G
8	Sikorsky	H-60 Damper (rolled into T2T)	Mar-99	F		Exp	N00383-01-D-002N
9	Rolls-Royce	Engines T-406 PBTH	Mar-99	CLS			N00019-95-C-0209
10	Marconi	Common NGS	Jul-99	F-LECP			N00383-99-D-021G
11	Smith Ind.	F-18/F-14/AV-8 SMS	Sep-99	F			N000383-99-D-009D
12	Raytheon	Common ALR-67(v)3	Oct-99	F			N00383-99-D-020G
13	Honeywell	EA-6B EFIS	Dec-99	LTC			N00383-00D-002B
14	Deval	SE AHE	Dec-99	F			N00383-00-D-007P
15	NAVAIR/ Dyncorp	SE GOSSPL	Feb-00	MOA			N00383-00-D-003P ??
16	LMIS	SE CASS/CASS CSP	Dec 97 /May 00	F			N6833501C0009/ N68335-03-C0246
17	Honeywell	S-3/E-2/C-2/F-18-A-D/ P-3 APU's	Jun-00	P	CP		N00383-00-D-007J
18	Dyncorp	SE QEC	Jun-00	O			MOA
19	Raytheon	V-22 NAVFLIR (renewed)	Jun 00/ Mar 03	F			USZA95-98-C-0006/USZA95-03-C-0004
20	FST Noris	SE CRATE	Jun-00	O		Exp	N00383-02-D-001P
21	Multi Rae	SE Gas Detector	Jun-00	F			N00383-00-C-013P
22	Sikorsky	H-53 MRH	Jul-00	M			N00383-97-D-016N (mod.#P00014)
23	Sikorsky	H-53 MGear Box	Jul-00	M			N00383-97-D-013N (mod.#P00010)
24	Kaman	H-2 A/C	Aug-00	F			
25	L-3 Comm	E-2 EMDU	Aug-00	F-LECP			N00383-00-C-019F
26	Boeing	V-22 DLRs	Jan 01	F			N00383-99-G-009N (APN-6 funded)
27	FST Jax	SE EOTS	Jan 01	O			MOA
28	Rockwell	Common ARC-210	Jan 01	F			N00383-01-D-003G
29	Lockheed	F-14 LANTIRN	Jan 01	F			N00383-01-D-004F
30	Michelin	Common Tires	Feb 01	F			N00383-00-D-042G
31	Jay-Em	EA-6B Main Wheels	Feb 01	LTC			N00383-01-D-007B
32	Lockheed	E-2 APS-145	Feb 01	M		Exp	N00383-99-D-009F
33	Tel Inst	SE IFFITTS	Mar 01	F			N00383-01-D-003P
34	NWS Crane	S-3 Elec Tubes	Apr 01	O			MOA
35	Boeing	F/A-18E/F FIRST	May 01	P	Multi		N00383-01-D-001H
36	Charleston	P-3 EP-3J Mod	May 01	O			N0038301WXZ3111 (APN-6 funded)
37	Lockheed	SE EOSS+	Jun 01	F			N68335-01-C-0001
38	TRW Inc.	E-2 GRIIM RePr	Sep 01	F-LECP			N00383-01-C-008F
39	Smith Ind.	Common ASN-50	Oct 01	LTC			N00383-01-D-018G
40	Raytheon	H-53 HNVS FLIR (renewed)	Oct 01/ Mar 03	F			USZA95-98-C-0006/USZA95-03-C-0004
41	Honeywell	C-130 APU	Feb 02	F			N000383-00-D-007J
42	Honeywell	F-18 E/F APU	Feb 02	P	CP		N00383-00D-007J
43	Kollsman	AH-1W NTS	Apr 02	M			N00383-01D-012G
44	Lockheed	H-60 Avionics (rolls into T2T Oct 2004)	May 02	F			N00383-02-D-009G
45	FST Jax	SE SALSA	Jul 02	O			MOA
46	LSI	T-2 Cockpit (renewed)	Mar 99 /Jul 02	M			N00383-02D-006A
47	Raytheon	Common ALE-50A	Aug-02	F			N00383-02-D-010G
48	Keyport	EA-6B Tailpipes	Dec-02	O			MOA
49	Rolls-Royce	Engines AE2100D3 PBTH	Dec-02	CLS			N00019-03-D-0002
50	Sikorsky	H-60 Dyn Comp (rolls into T2T Oct 2005)	Feb-03	F			N00383-03D-007N
51	BAE	SE EWSE (renewed)	Jan 01 /Feb-03	F			N00383-03D-001A
52	AAI	SE JSECST (interim PBL for 3 yrs)	Mar 03	M			N68335-03-D-0005
53	Boeing	F/A-18 MSP (mod to ARF)	May 03	M			N0038302G001H0015
54	GE	Engines F404	Jul 03	P	Jax		N00383-03D-011M
55	Lockheed	SE CASS Hi Power	Jul-03	F			N68335-03C-0011
56	Kaiser	F/A-18/F-14 HUD/DDI	Sep-03	P	Jax/NI		N00383-03-D-100H
57	Raytheon	H-60 FLIR	Sep 03	P	Jax		N00383-03D-006A
58	Ham Sundst	H-46 APU H-53 APU	Oct 03	P	CP		N00383-04D-001J
59	Honeywell	P-3 EDC (APU add-on)	Oct 03	P	CP		N00383-00-D-007J
60	MHSCO	H-60 Tip to Tail	Dec 03	P	Jax/NI/ CP CCAD Toby		N00383-04D-028N
61	Honeywell	F404-400/402 Main Fuel Controls (APU add-on)	Jun 04	P	Jax		N00383-00-D-007J
62	F.A.G.	Engines TF-34 Bearings	Jul 04	F			N00383-04-D-013M
63	GE	Engines T-700 (follow-on)	Sep 04	F			N00383-04-D-014M
64	GE	Engines F414 C & A	Nov-04	P	Jax		N00383-05-D-001M
65	ESI	F-14 Hydraulics EA-6B Hydraulics	Dec 04	P	Jax/NI		N00383-05-D-001B
66	BAE	Common ALQ-126B	Feb 05	P	Jax		

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NAVAL INVENTORY CONTROL POINT

Aviation PBLs

Aviation PBL Initiatives In Work

Contractor	PBL	Type	Depot	EAD	Contractor	PBL	Type	Depot	EAD
Raytheon	Common ALR-67 option	F		Jun 05	Honeywell	Common Advanced Multi-purpose Displays (AMC&D)	F		Dec 05
MHSCo	H-60 T2T (Phase II)	P	Multi	Jun 05	Rockwell Collins	ARC-210 Follow On	F		Jan 06
Moog	F/A-18 LEF Actuator	P	NI/Jax	Jul 05	Raytheon/Boeing	F/A-18/AV-8 APG-65/73 (add-on to FIRST)	F		Mar 06
Raytheon	P-3 APS-137B	F		Jul 05	Northrup/ Grumman	AV-8B Litening Pod	P	Jax	Jun 06
Parker Hannifin	F/A-18 TEF Servo and Horizontal Stab.	P	NI/Jax	Jul 05	Lockheed Martin	MH-60R/S Common Cockpit	P	TBD	Jul 06
Boeing	H-46 Comp Phase I	P	CP	Jul 05	VSI	F/A-18 JHMCS	P	Crane/Warner Robins	Oct 06
GE	Engines T-64	P	CP	Jul 05	Rockwell Collins	E-2 RROSE/H-1 Avionics	P	NI	TBD
Sikorsky	H-53 Phase I	P	CP	Aug 05	General Dynamics (GDIS)	Common Advanced Mission Computer (AMC&D)	F		TBD
Smiths Aerospace	F/A-18 SMUG	F		Aug 05	Pratt & Whitney	Engines J-52	P	Jax	TBD
Ontic	Engines T-58/T-64 Main Fuel Controls	P	CP	Sep 05	Boeing	V-22 CLAWS	P	TBD	TBD
Competitive	AV-8B HISS	P	CP/NI	Oct 05	TBD	EA-6B ALQ-99	TBD		TBD
Boeing	F/A-18 FIRST Follow-On	P	Multi	Oct 05	Lockheed Martin	E-2 APS-145	F		TBD
GE	Engines F414 Depot Components	P	Jax	Dec 05	Raytheon	F/A-18 ATFLIR	P	Jax	TBD

NAVSUP
NAVAL INVENTORY CONTROL POINT

Maritime PBL Initiatives

Awarded

PBL Provider	PBL	TYPE	Awd Dt
Integraph	ICAS	C	Jun-96
AEA Technology	Isotopes	C	Sep-96
GTSI,SOSI&Seabird	AN/SQQ-32(V), BSP	C	Oct-97
Zodiac	F-470	C	Dec-97
Lockheed Martin	AEGIS (LM)	MSP+	Jan-98
Ocenco	EEBD	C	Feb-98
Lockheed Martin TDS	AN/UYQ-70	C	Sep-98
NSWC Crane	AN/SLQ-32 LSS	O	Oct-98
Chromalloy	LM2500	C	Mar-99
Village Marine Technology	Reverse Os. Desal	C	Apr-99
Interlink Communicator	AN/AMP-383	MSP	May-99
SPAWARSYS SD	ADNS	O	Jun-99
SSC Charleston	NAVMACS II	O	Jun-99
Various	GPETE/CAL Stds	C	Jun-99
Lockheed Martin	MK-92	MSP	Jun-99
FTSCLANT	AN/SQQ-89(V)6	MSP	Jun-99
SSC Charleston	SSEE, Inc. B	O	Jul-99
Raytheon Service Co	Sidewinder	MSP	Aug-99
Raytheon Service Co	AN/UYA-4	MSP	Aug-99
Raytheon Service Co	AN/UYQ-21	MSP	Aug-99
SSC Charleston	NTCSS	O	Aug-99
SSC Charleston	SNAP III	O	Aug-99
SSC Charleston	NALCOMIS	O	Aug-99
SSC St. Juliens	TAC 3	O	Aug-99
SSC St. Juliens	TAC 4	O	Aug-99
Raytheon	Raytheon Svcs	MSP	Aug-99
Lockheed Martin	AN/BSY-2	MSP	Aug-99
Lockheed Martin	AN/BQG-5	MSP	Aug-99
SSC Charleston	JMCIS	O	Oct-99
ISSI	25 Man Life Raft	C	Feb-00
SSC Charleston	SCCTV	O	Feb-00
Raytheon	CIWS	Full	Mar-00
SSC Charleston	BGPHES	O	Apr-00
SSC San Diego	AN/WRR-12 SLVR	O	May-00
Raytheon/Newport	CCS MK2 Mod 0	Full	May-00
W.S. Darley & Co.	P100 Pumps	C	Jun-00
Triway Industries	Berthing	C	Jul-00
SSC Charleston	AN/URC-109	O	Aug-00
NUWC Keyport	MPIU	O	Sep-00
CSS Panama City	SDV	O	Oct-00
SSC Charleston	SSEE Inc. D	O	Oct-00
Raytheon	AEGIS - Raytheon	Full	Oct-00
NUWC Keyport	CV-TSC AN/SQQ-34	O	Oct-00
Northrup Grumman/Sperry	AN/BPS-15H	Full	Oct-00

PBL Provider	PBL	TYPE	Awd Dt
NUWC Newport RI	AN/BYQ-6	O	Nov-00
SSC Charleston	TRDF	O	Jan-01
NAWC-AD St. Inigoes MD	AN/UPX 24 & OE-120	O	Feb-01
Carleton Technologies	Life Raft Inflat Cylinder	C	Mar-01
Allen Bradley	PLC	C	Apr-01
Keystone Fire Protection Co	PKP Fire Extinguisher	C	Apr-01
Katadyn North America	MROD	C	May-01
ISSI	50 Person Life Raft	C	Jun-01
LINPAC	Reusable Bulk Containers	C	Aug-01
S.E.I.	Life Raft Inflation Valve	C	Aug-01
A.W. Chesterton Co	Chesterton	C	Sep-01
Parasense	Refrigerant Leak Monitors	C	Oct-01
Lockheed Martin	AEGIS SPY 1 Radar	Full	Mar-02
NAWC-AD St. Inigoes MD	MX XII IFF	O	Mar-02
Pointer Technology	FTIC	C	Mar-02
Northrup/Grumman/Sperry	AN/BPS - 15J Radar	Full	Mar-02
SSC San Diego	AN/BSQ-9(V) TFDS	O	Apr-02
Harris	WSC-8(v) 1&2	Full	Jul-02
Super Vacuum Mfg Co.	Tubeaxial Fan	C	Sep-02
Northrup Grumman/Sperry	AN/BPS-16(V) 2/3 &4	Full	Oct-02
Rexnord	Magnetic Couplings	C	Dec-02
Qualified Fasteners, Inc.	Fasteners CTC	C	Feb-03
Ocenco	EEBD Resolicitation	C	Apr-03
Northrop Grumman Corp	ASDS	Full	Apr-03
Bath Iron Works	DDG 51 Ships Store Ref	CLS	May-03
CSS Panama City	Dry Deck Shelter	O	May-03
L3 Communications	CDL-N, AN/USQ-123	MSP	May-03
Ericsson Inc.	HYDRA	C	Jul-00/Jun-03
NSWC Crane	High Security Padlocks	O	Oct-03
Raytheon	NATO Seasparrow/TAS	Full	Oct-03
BAE Systems	IFF Digital Transponder	Full	Jan-00/Oct-03
NUWC Keyport	VLS Cables	O	Oct-03
SSC San Diego	TACAN	O	Nov-03
Lockheed Martin	MK-41 VLS	Full	Nov-00/Mar-04
Air Prgms-Torpedoes-ATC	AN/TPX-42(V)	O	Mar-04
Lockheed Martin	ARCI	Full	Apr-99/Sep-04
Northrup Grumman	WSN-7	P	Sep-04
Northrup Grumman	AN/BPS-15/16	P	Sep-04
SSC Charleston	COBLU	O	Oct-04
NSWC Pt. Hueneme	SSDS/RAIDS	O	Oct-04
NSWC Crane	AN/SLQ-32	O	Dec-04
NAWC St. Inigoes	AN/UPX-37	O	Dec-04
SSC Charleston	SSEE, Inc. E	O	Dec-04
SSC Charleston	Combat DF	O	Feb-05
SPAWAR San Diego	AN/TMQ-44(v) METMF	O	May-05

Maritime PBL Initiatives

IN WORK PBLs

PBL Provider	PBL	TYPE	EAD
NSWC Crane	AN/SPS-49/SPS-64	O	Aug-05
NSWC Crane	BFTT,BEWT,TSSS	O	Aug-05
Lockheed Martin	Legacy ESM	Full	Aug-05
Hamilton Sunstrand	Integrated Low Press Electrol	Full	Aug-05
Lockheed Martin	AN/BSY-2 & AN/BLQ-10	Full	Sep-05
NUWC Newport	Type 8-18 Periscopes	O	Oct-05
Raytheon	AEGIS	Full	Oct-05
DRS Chesapeake, VA	AN/SPS 67 Surface Radar	Full	Nov-05
Sperry Marine	IBS/DDG Steering System	Full	Nov-05
NUWC Newport	AN/BQN-17A	O	Nov-05
Raytheon	CIWS	Full	Dec-05
Raytheon	CEC AN/USSG-2	Full	Dec-05
ITT Gilfillian	AN/SPS-48E	Full	Jan-06
SSC San Diego	ADMS	O	Jan-06
SSC San Diego	NITES 2000	O	Jan-06
Raytheon	USC-38	Full	Feb-06
Lockheed Martin	AEGIS-SPY1	Full	Mar-06
Lockheed Marine	AN/BQQ-10 (ARCI and C3I)	Full	Mar-06
Sargent	Sargent-Hydraulic Valves	Full	Jun-06
Lockheed Martin	CADF Lite Antenna	Full	Jun-06
EB	Sub Flight Critical Components	Full	Aug-06
Harris	WSC-8 and WSC-6	Full	Aug-06
Raytheon	AN/SPS-73 Radar	Full	Sep-06
Northrup Grumman	AN/SPQ-9B	Full	Sep-06